

# 5. ELECTROPHORETIC DISPLAY DEVICE

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PROBLEM TO BE SOLVED: To provide an electrophoretic display device which is enhanced in display performance by solving the problem accompanying a sp. gr. difference from dispersion media by lowering the sp. gr. of migration particles and improving a contrast ratio.

SOLUTION: This electrophoretic device 10 is constituted by inclosing the dispersion media 13 and the electrophoretic particles 14 dispersed therein into a spacing between a transparent substrate 11 and a counter substrate 12 arranged to face the same and executes display action by the electrophoretic effect of the electrophoretic particles 14 by the presence or absence of the voltage impression between the transparent substrate 11 and the counter substrate 12. The electrophoretic particles 14 consist of dielectric particles. The dispersion media 13 are formed of nematic liquid crystals contg. dichromatic dyestuffs.

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